

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 68394 - Rear Left Wheel Hub

Sample No: LH0287920

Oil Type: LIEBHERR GEAR BASIC 90 LS



MODERN CONSTRUCTION (1983) LTD.
 364 BRIGGS CROSS ROAD
 STILESVILLE, NB
 CA E1G 3G3
 Contact: Blaine Cail
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 T:
 F:



Sample Information

Sample Number	LH0287920	---	---	---
Sample Date	08 Jun 2024	---	---	---
Machine Hours	3218	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 185	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 0	---	---	---



Wear Metals

Iron	ppm	● 49	---	---	---
Copper	ppm	● 21	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 6	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 3	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 21	---	---	---
Phosphorus	ppm	● 2273	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: MODSTI
Unique No: 5799018
Signed: Wes Davis
Report Date: 12 Jun 2024



Graphs

